

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-292323

(43)Date of publication of application : 07.11.1995

(51)Int.Cl.

C09J 4/00
C09J175/16
// C08F290/06
C08G 18/42
C08G 18/67

(21)Application number : 06-106102

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(22)Date of filing : 20.04.1994

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(54) ACTIVE ENERGY RAY-CURABLE ADHESIVE

(57)Abstract:

PURPOSE: To obtain the active energy ray-curable adhesive excellent in curability with the active energy rays and further excellent in adhesive strength to substrates, flexibility, weather resistance, water resistance and chemical resistance.

CONSTITUTION: The active energy ray-curable adhesive contains (A) an urethane acrylate obtained by reacting the below-described components (1)-(3) with each other, containing the repeating units of the component (1) in a repeating unit number of ≥ 2 , having 3-11 urethane bond groups and/or urea bond groups per the constituting unit of the component (1), and having a molwt. of 1000-20000, and (B) a polymerizable monomer having a molwt. of < 500 . (1) A copolyesterpolyol containing an aromatic dicarboxylic acid in an amount of $\geq 40\text{mol}\%$ and having a mol. wt. of 1000-10000. (2) A polyisocyanate compound. (3) A compound having one or more (meth)acryloyloxy groups and one or more hydroxyl groups.

LEGAL STATUS

[Date of request for examination] 06.04.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3436410

[Date of registration] 06.06.2003

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]